

02090519 CONTENTNEA CREEK NEAR EVANSDALE, NC

LOCATION.--Lat 35°38'34", long 77°53'25", Wilson County, Hydrologic Unit 03020203, at Secondary Road 1622, 0.3 mi downstream from Hominy Swamp, and 2.8 mi southwest of Evansdale.

DRAINAGE AREA.--265 mi<sup>2</sup>

PERIOD OF RECORD.--Water years 2000 to September 2002 (discontinued).

REMARKS.--Station operated in cooperation with the U.S. Environmental Protection Agency and the North Carolina Department of Environment and Natural Resources as part of a long-term project to develop a multimedia integrated modeling system (MIMS).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
OCT 31...	0815	.33	779	9.0	74	6.1	0	8.2	20.0	5.60	20.0	.04	E.50
DEC 20...	0815	39	765	9.9	91	6.7	152	11.8	17.0	5.3	12.9	E.03	.55
FEB 22...	0855	E88	766	9.6	87	6.4	125	11.2	14.5	6.1	11.1	E.03	.47
APR 08...	0830	E142	776	9.0	85	6.2	98	13.6	10.9	4.1	8.0	E.04	.42
JUN 28...	1135	E30	764	4.8	60	6.6	255	26.9	23.3	4.1	27.6	.87	1.8

Date	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4) (71846)	NITRO-GEN DIS-SOLVED (MG/L AS N) (00602)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS N) (00618)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, ORGANIC DIS-SOLVED (MG/L AS N) (00607)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4) (00660)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)
OCT 31...	E.60	.05	--	--	--	1.20	--	<.010	--	--	--	.859	E.29
DEC 20...	.74	--	.97	.41	1.83	.42	.026	.008	--	--	1.2	.288	.126
FEB 22...	.74	--	1.1	--	--	.59	--	E.005	--	--	1.3	--	.022
APR 08...	.68	--	.82	--	--	.39	--	<.008	--	--	1.1	--	.025
JUN 28...	1.9	1.12	2.9	1.04	4.62	1.08	.128	.039	.90	1.0	3.0	.868	.30

Date	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	IRON, DIS-SOLVED (UG/L AS FE) (01046)
OCT 31...	.28	E.36	266
DEC 20...	.09	.194	611
FEB 22...	<.02	.076	484
APR 08...	<.02	.074	737
JUN 28...	.28	.38	153

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value